APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/237,219	01/25/99	ROSENOFF	D 962.002US1

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EXAMINER
NGUYEN, M

ART UNIT	PAPER NUMBER
2176	

DATE MAILED:

10/24/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _25 January 1999_ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-18_ is/are pending in the application.

    4a) Of the above claim(s) _10-13,16, and 18_ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-9, 14-15, and 17_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

15) ☒ Notice of References Cited (PTO-892)

16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)

17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _4,5,7& 8_ .

18) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

19) ☐ Notice of Informal Patent Application (PTO-152)

20) ☐ Other: .

DETAILED ACTION

1.   This action is responsive to communications: original application filed on 01/25/1999, the

IDS filed on 06/11/1999, 08/07/2000, 01/11/2001, and 05/07/2001.

2.   Claims 1-18 are presented in this application. Claims 1-9, 14-15, and 17 are elected for

examination. Claims 1-6, 14, and 17 are independent claims.

Election/Restrictions

3.   Restriction to one of the following inventions is required under 35 U.S.C. 121:

I.   Claims 1-9, 14-15, and 17 drawn to automatically inserting hyperlinks, classified

in class 707, subclass 513.

II.   Claims 10-13 drawn to secure transaction, classified in class 705, subclass 64.

III.   Claims 16-18 drawn to alternate path routing, classified in class 709, subclass 239.

4.   Inventions I, II, and III are related as subcombinations disclosed as usable together in a

single combination. The subcombinations are distinct from each other if they are shown to be

separately usable. In the instant case, invention I has separate utility such as automatically

inserting hyperlinks, whereas invention II has separate utility such as secure transaction; and

invention III has separate utility such as alternate path routing. See MPEP § 806.05(d).

5.   Because these inventions are distinct for the reasons given above and have acquired a

separate status in the art as shown by their different classification, restriction for examination

purposes as indicated is proper.

6.   Because these inventions are distinct for the reasons given above and the search required

for Group I is not required for Group II, or Group III, restriction for examination purposes as

indicated is proper.

7.   During a telephone conversation with a provisional election was made without traverse to

prosecute the invention of Group I, claims 1-9,14-15, and 17. Affirmation of this election must

be made by applicant in replying to this Office action. Claims 10-13 and 16-18 withdrawn from

further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected

invention.

8.   Applicant is reminded that upon the cancellation of claims to a non-elected invention, the

inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the

currently named inventors is no longer an inventor of at least one claim remaining in the

application. Any amendment of inventorship must be accompanied by a petition under 37 CFR

1.48(b) and by the fee required under 37 CFR 1.17(i).

Claim Rejections - 35 USC § 102

9.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 1-9, 14-15, and 17 are rejected under 35 U.S.C. 102(e) as being anticipated by

Horowitz et al. (U.S 6,122,647).

As to independent claim 1, Horowitz teaches a method of automatically inserting

hyperlinks (dynamically generates contextual hypertext links in a source document; col.2, lines 40-

67) into a document, comprising:

- searching one or more documents (navigating HTML and other web content; col.7, lines

1-67) for content matching predefined forms (links from a document to relevant other document;

col. 3, lines 1-8);

- marking one or more portions of one or more of the documents (selects a portion of the

source document; col.7, lines 1-67 & Fig.4b) based on results of searching the one or more

documents (associated with the selected terms of the source document; col.7, lines 1-67);

- generating one or more hyperlinks, with each hyperlink having a format based the content of

the one or more marked portions of the documents (links are dynamically generated, base on the

content of the selected text col.3, lines 1-67).

Independent claim 2, Horowitz teaches the same subject matter as in claim 1, and is similarly rejected under the same rationale.

Independent claim 3 is for a computer system presenting the method of the claim 1, and is similarly rejected under the same rationale.

Independent claim 4 is for a computer system presenting the method of the claim 1, and is similarly rejected under the same rationale.

However, claim 4 further recites:

- a processor;

- a memory coupled to the processor,

Horowitz teaches:

- a processor (a processor; col.5, lines 25-33);

- a memory (addressable memory; col.5, lines 25-33) coupled to the processor,

Independent claim 5 is directed to a computer-readable medium for performing the method of claim 1, and is similarly rejected under the same rationale.

As to independent claim 6, Horowitz teaches an automated method of defining hyperlinks

(dynamically generates contextual hypertext links in a source document to other topically relevant

documents; col.2, lines 40-67) for a document, comprising:

- marking one or more portions of the document (selects a portion of the source document;

col.7, lines 1-67 & Fig.4b); and

- defining one or more hyperlinks for one or more of the marked portions of the document

(the dynamic generation of context links by selecting a portion of the target document; col.11,

lines 1-67), with each hyperlink including information based on form or content of at least a

portion of one of the marked portions of the document (each document has a URL; col.3, lines 37-

60).

As to dependent claim 7, Horowitz teaches each hyperlink includes at least a portion of

one of the marked portions of the document (col.7, lines 1-67 & Fig.4b).

As to dependent claim 8, Horowitz teaches each hyperlink includes a domain name

common to all the hyperlinks and at least a portion of one of the marked portions of the

document (col.10, lines 8-21 & Fig.4c).

As to dependent claim 9, Horowitz teaches each hyperlink includes a domain name

common to all the hyperlinks and information based on a syntactic or semantic analysis of at

east a portion of one of the marked portions of the document (col.7, lines 1-67 & col.8, lines 40-67 & Fig.4b).

As to independent claim 14, Horowitz teaches a method of defining a hyperlink (dynamically generates contextual hypertext links in a source document to other topically relevant documents; col.2, lines 42-67) in a computer system, comprising:

- marking a portion of a first document (selected portion of source document; col.3, lines 61-67 & Fig.4b)

- identifying two or more destinations for the hyperlink (the target documents of the links can be dynamically determined; col. 2, lines 62-67); and

- defining the hyperlink to point to one of the two or more destinations based on one or more predefined preferences (generating links to target documents; col.10, lines 8-21).

As to dependent claim 15, Horowitz teaches retrieving one or more predefined user-preferences includes retrieving information related to one or more preferred hyperlink destinations, or information related to cost, or information related to access time; and defining the hyperlink includes defining the hyperlink to point to one of the two or more destinations includes selecting one of the destination based on the retrieved preferences (col.12, lines 1-67).

As to independent claim 17, A method of automatically inserting hyperlinks into a document, comprising:

- searching one or more documents (navigating HTML and other web content; col.7, lines 1-67) for specific content based on lexical, syntactical (syntactic; col.3, line 30), formatting, synergetic, or heuristic combinations for specific content;

- marking one or more portions of one or more of the documents (selects a portion of the source document; col.7, lines 1-67 & Fig.4b) based on results of searching the one or more documents (associated with the selected terms of the source document; col.7, lines 1-67);

- generating one or more hyperlinks embedded within the text at the appropriate textual location (new links are embedded directly in the text of the source document; col.7, lines 19-31 & Fig.4c) with each hyperlink having a format based on the content of the one or more marked portions of the documents.

Conclusion

10.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Malcolm	U.S Patent No. 6,256,631	issued dated: Jul. 3, 2001
Gentner	U.S Patent No. 5,724,595	issued dated: Mar. 3, 1998
Saitoh	U.S Patent No. 6,178,434	issued dated: Jan. 23, 2001
Melen et al.	U.S Patent No. 6,263,121	issued dated: Jul. 17, 2001

11.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (703) 306-0092.

The examiner can normally be reached on Monday - Friday from 8:30am – 6:00 pm. The

Examiner can also be reached on alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Heather R Herndon can be reached on (703) 308-5186. The fax phone numbers for

the organization where this application or proceeding is assigned are (703) 308-5403 for regular

communications and (703) 308-5403 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 305-9600.

Contact Information:

Any response to this action should be mailed to:
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Or fax to:
AFTER-FINAL faxes must be signed and sent to (703) 746-7238.
OFFICIAL faxes must be signed and sent to (703) 746-7239.
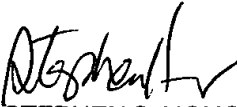NON OFFICIAL faxes should be sent to (703) 746-7240.

All OFFICIAL faxes will be handled and entered by the docketing personnel. The date
of entry will correspond to the actual FAX reception date unless that date is a Saturday,
Sunday, or a Federal Holiday within the District of Columbia, in which case the official
date of receipt will be the next business day. The application file will be promptly
forwarded to the Examiner unless the application file must be sent to another area of the
Office, e.g., Finance Division for fee charging, etc.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist). All hand-delivered responses will be handled and entered by the docketing personnel. Please do not hand deliver responses directly to the Examiner.

Maikhanh Nguyen
October 22, 2001

STEPHEN S. HONG
PRIMARY EXAMINER